

# STIC EIC 2100 <sup>148</sup> Search Request Form <sup>117961</sup>

Today's Date:

03/26/04

What date would you like to use to limit the search?

Priority Date:

01/25/04

Other:

11/25/01

Name Dr. BAO QIU

AU 2172 Examiner # 78889

Room # 4B42 Phone 3051949

Serial # 09/17/03 358

Format for Search Results (Circle One):

PAPER

DISK

EMAIL

Where have you searched so far?

USP

DWP

EPO

JPO

ACM

IBM TDB

IEEE

INSPEC

SPI

Other

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

1) (updating with matching for an outer pm)  
(inserting with non-matching for ~~all~~ outer pm)

(updates with matching with success)

#5 (updating with non-matching with failure)

#9

#13 Same as #5+9, however the keys are used for comparison parameters <sup>rd or parameters</sup>

STIC Searcher

Geoffrey St-Leger

Phone

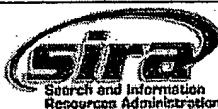
308-7800

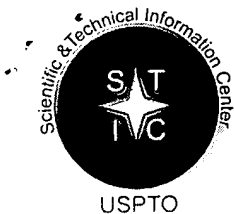
Date picked up

3/26/04

Date Completed

3/26/04





# STIC Search Report

## EIC 2100

**STIC Database Tracking Number: 117961**

**TO: Baoquoc To**  
**Location: 4A42**  
**Art Unit : 2172**  
**Friday, March 26, 2004**

**Case Serial Number: 09/707358**

**From: Geoffrey St. Leger**  
**Location: EIC 2100**  
**PK2-4B30**  
**Phone: 308-7800**

**geoffrey.stleger@uspto.gov**

### Search Notes

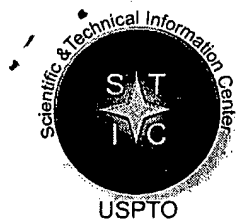
Dear Examiner To,

Attached please find the results of your search request for application 09/707358. I searched Dialog's foreign patent files, product announcement files and general files; along with the Internet.

Please let me know if you have any questions.

Regards,

Geoffrey St. Leger  
4B30/308-7800



# STIC Search Results Feedback Form

**EIC 2100**

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

Anne Hendrickson, EIC 2100 Team Leader  
308-7831, CPK2-4B40

## Voluntary Results Feedback Form

➤ I am an examiner in Workgroup:  Example: 2133

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

**Comments:**

Drop off or send completed forms to STIC/EIC2100 CPK2-4B40



File 347:JAPIO Nov 1976-2003/Nov(Updated 040308)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200419

(c) 2004 Thomson Derwent

	Items	Description
	64	(DESTINATION OR TARGET OR 2ND OR SECOND??? OR OTHER OR ANOTHER OR FINAL OR RESULTING OR RESULTANT OR DIFFERENT OR SEPARATE OR FOREIGN OR GLOBAL) (1W) TABLE? ?
	133818	(MATCH??? OR SAME OR IDENTICAL? OR EQUIVALENT OR ANALOGOUS OR COMPARABLE OR DUPLICATE? ? OR ALIKE) (5N) (ROW? ? OR DATA OR INFORMATION OR CONTENT OR ELEMENT? ? OR ITEM? ? OR ENTRY OR ENTRIES OR RECORD? ? OR OBJECT? ?)
S3	34	S1(7N)S2(7N) (UPDAT??? OR REPLAC? OR OVERWRT??? OR OVER()WRIT??? OR REVIS??? OR SUBSTITUT??? OR AMEND??? OR CHANG??? OR MODIF???? OR ALTER???)
S4	64697	(DIFFERENT OR DISSIMILAR OR UNALIKE OR ("NOT" OR NON OR NO OR T) (3W) (MATCH??? OR SAME OR IDENTICAL OR EQUIVALENT OR ANALOG? OR COMPARABLE OR DUPLICATE? ? OR ALIKE)) (5N) (ROW? ? OR DATA OR INFORMATION OR CONTENT OR ELEMENT? ?)
S5	12440	(DIFFERENT OR DISSIMILAR OR UNALIKE OR ("NOT" OR NON OR NO OR T) (3W) (MATCH??? OR SAME OR IDENTICAL OR EQUIVALENT OR ANALOG? OR COMPARABLE OR DUPLICATE? ? OR ALIKE)) (5N) (ITEM? ? OR ENTRY OR ENTRIES OR RECORD? ? OR OBJECT? ?)
S6	0	S1(7N)S4:S5(7N) (INSERT??? OR ADD???)

3/5/1 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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01949649 \*\*Image available\*\*

INFORMATION TRANSMITTING EQUIPMENT

PUB. NO.: 61-163749 [JP 61163749 A]

PUBLISHED: July 24, 1986 (19860724)

INVENTOR(s): UEDA TETSUO

APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 60-004250 [JP 854250]

FILED: January 14, 1985 (19850114)

INTL CLASS: [4] H04L-011/00; G06F-013/00; H04L-011/20

JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 45.2 (INFORMATION  
PROCESSING -- Memory Units)

JOURNAL: Section: E, Section No. 462, Vol. 10, No. 367, Pg. 132,  
December 09, 1986 (19861209)

#### ABSTRACT

PURPOSE: To cope softly with a variation related to information required by a receiving side, by constituting an information transmitting device for selecting automatically a destination by which an attribute value provided to transmitting information satisfies a condition related to the information required by the receiving side, and transmitting the information, so that the condition related to the information to be transmitted can be changed by a request from the destination.

CONSTITUTION: A selecting means 4 reads out an attribute value stored in an attribute value buffer 2, reads out successively all stored records from a destination table 3, evaluates its conditional expression 31, selects all records whose result becomes true and sends them successively to a transmitting means 5. When change information transmitted by a destination 6 is received, a receiving means 7 sends its contents to a **changing** means 8. The **changing** means 8 reads out a **records** containing the **same** destination address as the destination address of the **change** information from the **destination table** 3, rewrites the conditional expression of its record to a new conditional expression of the change information, and stores it in the original position of the destination table 3.

3/5/2 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

014027757 \*\*Image available\*\*

WPI Acc No: 2001-511971/200156

Method for linking private network and public network using network  
address conversion table and recording media therefor

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU )

Inventor: KWON M J

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001018574	A	20010305	KR 9934581	A	19990820	200156 B
KR 301026	B	20011101	KR 9934581	A	19990820	200238

Priority Applications (No Type Date): KR 9934581 A 19990820

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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KR 2001018574	A		1	H04L-012/28	
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KR 301026	B			H04L-012/28	Previous Publ. patent KR 2001018574
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Abstract (Basic): KR 2001018574 A

NOVELTY - A method for linking a private network and a public network using a network address conversion table and a recording media therefor are provided to achieve an efficient inter-working of a

private network and a public network using a network address conversion table.

DETAILED DESCRIPTION - A gateway receives a packet transmitted to a public network node from a private network node(40). The gateway, based on information comprised in the packet header of the received packet, searches a conversion table through the first hash table and finds out a matching entry(41). In case that the matching entry doesn't exist(42), the gateway generates a new conversion table entry(43). The gateway, according to the new conversion table entry, reconfigures the packet header of the private network packet after replacing the private origination address and port with an authorized IP address and port(44) and transmits the packet comprising the authorized address to the public network(45). If a response packet is received from the public network(46), the gateway, referring to information comprised in the packet header of the received packet, searches the conversion table through the **second hash table** and finds out a **matching entry** (47). Based on the **matching entry**, the gateway reconfigures the packet header of the response packet after **replacing** the authorized destination address and port with the private network address and port(48) and transmits the packet comprising the private address to the private network(49).

pp; 1 DwgNo 1/10

Title Terms: METHOD; LINK; PRIVATE; NETWORK; PUBLIC; NETWORK; NETWORK; ADDRESS; CONVERT; TABLE; RECORD; MEDIUM

Derwent Class: W01

International Patent Class (Main): H04L-012/28

File Segment: EPI

3/5/3 (Item 2 from file: 350)

File 350:Derwent WPIX

Thomson Derwent. All rts. reserv.

486967 \*\*Image available\*\*

WPI Acc No: 1993-060446/199308

XRFX Acc No: N93-046151

**Controlling change in multiple development environments - using working tables and files to merge delta structures whenever versions are reconciled between environments**

Patent Assignee: SUN MICROSYSTEMS INC (SUNM )

Inventor: SKINNER G

Number of Countries: 006 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 528617	A2	19930224	EP 92307304	A	19920810	199308 B
EP 528617	A3	19930915	EP 92307304	A	19920810	199509
US 5481722	A	19960102	US 91746957	A	19910819	199607
			US 9384078	A	19930628	
			US 94338883	A	19941114	
EP 528617	B1	19991222	EP 92307304	A	19920810	200004
DE 69230452	E	20000127	DE 630452	A	19920810	200012
			EP 92307304	A	19920810	
KR 169327	B1	19990115	KR 9214904	A	19920819	200038

Priority Applications (No Type Date): US 91746957 A 19910819; US 9384078 A 19930628; US 94338883 A 19941114

Other Patents: No-SR.Pub; 4.Jnl.Ref

Family Details:

Kind IPC Filing Notes

EP 528617 A2 E 31 G06F-009/44

Designated States (Regional): DE FR GB IT

EP 528617 A3 G06F-009/44

US 5481722 A 25 G06F-015/16 Cont of application US 91746957  
Cont of application US 9384078

EP 528617 B1 E G06F-009/44

Designated States (Regional): DE FR GB IT

DE 69230452 E G06F-009/44 Based on patent EP 528617

KR 169327 B1 G06F-009/00

Abstract (Basic): EP 528617 A

The source module and its changes in each of at least two interrelated development environments are maintained in delta structures. Various procedures and working tables/files are provided to merge the delta structures whenever the latest revision/edition of the source module in one of the environments is reconciled/resynchronised to the latest edition/revision of the source module in the other environment. As a result, all change deltas are maintained and propagated among the environments.

USE/ADVANTAGE - For example software development. Provides change control system for at least two software development environments without any loss of change history.

File 348:EUROPEAN PATENTS 1978-2004/Mar W02

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File 349:PCT FULLTEXT 1979-2002/UB=20040318,UT=20040311

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	19065	(DESTINATION OR TARGET OR 2ND OR SECOND??? OR OTHER OR ANOTHER OR FINAL OR RESULTING OR RESULTANT OR DIFFERENT OR SEPARATE OR FOREIGN OR GLOBAL) (1W)TABLE? ?
S2	216458	(MATCH??? OR SAME OR IDENTICAL? OR EQUIVALENT OR ANALOGOUS OR COMPARABLE OR DUPLICATE? ? OR ALIKE) (5N) (ROW? ? OR DATA OR INFORMATION OR CONTENT OR ELEMENT? ? OR ITEM? ? OR ENTRY OR ENTRIES OR RECORD? ? OR OBJECT? ?)
S3	46	S1(7N)S2(7N)(UPDAT??? OR REPLAC? OR OVERWRIT??? OR OVER()WRIT??? OR REVIS??? OR SUBSTITUT??? OR AMEND??? OR CHANG??? OR MODIF???? OR ALTER???)
S4	121115	(DIFFERENT OR DISSIMILAR OR UNALIKE OR ("NOT" OR NON OR NO OR T) (3W) (MATCH??? OR SAME OR IDENTICAL OR EQUIVALENT OR ANALOG? OR COMPARABLE OR DUPLICATE? ? OR ALIKE)) (5N) (ROW? ? OR DATA OR INFORMATION OR CONTENT OR ELEMENT? ?)
S5	30915	(DIFFERENT OR DISSIMILAR OR UNALIKE OR ("NOT" OR NON OR NO OR T) (3W) (MATCH??? OR SAME OR IDENTICAL OR EQUIVALENT OR ANALOG? OR COMPARABLE OR DUPLICATE? ? OR ALIKE)) (5N) (ITEM? ? OR ENTRY OR ENTRIES OR RECORD? ? OR OBJECT? ?)
S6	32;	S1(7N)S4:S5(7N) (INSERT??? OR ADD???)



6/5,K/8 (Item 8 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00727007

**DATABASE QUERY SYSTEM**

**DATENBANKSUCHSYSTEM**

**SYSTEME D'INTERROGATION DE BASES DE DONNEES**

**PATENT ASSIGNEE:**

Speedware Ltee./Ltd., (2424130), 150 John Street, 10th Floor, Toronto,  
Ontario M5V 3E3, (CA), (Proprietor designated states: all)

**INVENTOR:**

SHWARTZ, Steven, P., 606 Grassy Hill Road, Orange, CT 06477, (US)

**LEGAL REPRESENTATIVE:**

Kirschner, Klaus Dieter, Dipl.-Phys. (6507), Schneiders & Behrendt

Rechtsanwalte - Patentanwalte Sollner Strasse 38, 81479 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 803100 A1 971029 (Basic)

EP 803100 B1 991222

WO 9526003 950928

APPLICATION (CC, No, Date): EP 95921945 950323; WO 95IB517 950323

PRIORITY (CC, No, Date): US 217099 940324

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IE; IT; LI; NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-017/30

CITED PATENTS (EP B): EP 287310 A; EP 387226 A; US 4688195 A

**CITED REFERENCES (EP B):**

PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE ON DATA AND KNOWLEDGE  
BASES: IMPROVING USABILITY AND RESPONSIVENESS, JERUSALEM, ISRAEL, 28-30  
JUNE 1988, 1988, SAN MATHEO, CA, USA, MORGAN KAUFFMANN, USA, pages  
3-18, JAKOBSON G ET AL 'CALIDA: a system for integrated retrieval from  
multiple heterogeneous databases'

JOURNAL OF VISUAL LANGUAGES AND COMPUTING, JUNE 1991, UK, vol. 2, no. 2,  
ISSN 1045-926X, pages 101-113, CINQUE L ET AL 'An expert visual query  
system'

IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING, APRIL 1995, USA,  
vol. 7, no. 2, ISSN 1041-4347, pages 228-245, WEIYI MENG ET AL 'A  
theory of translation from relational queries to hierarchical queries';

**NOTE:**

No A-document published by EPO

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Lapse: 001025 B1 Date of lapse of European Patent in a  
contracting state (Country, date): PT  
20000322,

Application: 951206 A International application (Art. 158(1))  
Lapse: 031105 B1 Date of lapse of European Patent in a  
contracting state (Country, date): DK  
20000322, ES 19991222, NL 19991222, PT  
20000322, SE 19991222,

Lapse: 020626 B1 Date of lapse of European Patent in a  
contracting state (Country, date): ES  
19991222, PT 20000322, SE 19991222,

Oppn None: 001206 B1 No opposition filed: 20000923

Lapse: 020605 B1 Date of lapse of European Patent in a  
contracting state (Country, date): PT  
20000322, SE 19991222,

Lapse: 030226 B1 Date of lapse of European Patent in a  
contracting state (Country, date): ES  
19991222, NL 19991222, PT 20000322, SE  
19991222,

Application: 971029 A1 Published application (A1with Search Report  
;A2without Search Report)

Examination: 971029 A1 Date of filing of request for examination:  
961008

Change: 980401 A1 Representative (change)

Assignee: 980401 A1 Applicant (transfer of rights) (change):  
Speedware Ltee./Ltd. (2424130) 150 John Street,  
10th Floor Toronto, Ontario M5V 3E3 (CA)  
(applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;IE;IT;LI;NL;PT;SE)

\*Assignee: 980401 A1 Previous applicant in case of transfer of rights (change): SOFTWARE AG (1710381)  
 Uhlandstrasse 12, Postfach 130-251 D-64297  
 Darmstadt (DE) (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;IE;IT;LI;NL;PT;SE)

Examination: 980527 A1 Date of despatch of first examination report: 980408

Grant: 991222 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	199951	813
CLAIMS B	(German)	199951	716
CLAIMS B	(French)	199951	1096
SPEC B	(English)	199951	21277
Total word count - document A			0
Total word count - document B			23902
Total word count - documents A + B			23902

...SPECIFICATION the same). In the illustrated embodiment, the Administrator can also provide in the conceptual layer definitions for non-equi-join relationships between tables which will join **rows** from two **different tables** when a particular condition is met. For example, **another table** ORDTYPE could be **added** to the example of Fig. 1A-1G that provides different classifications for orders of dollar amounts in different ranges:

Using a non-equi-join, a record...

6/5,K/12. (Item 12 from file: 348)  
 DIALOG(R)File 348:EUROPEAN PATENTS  
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0465365

Device for interconnecting channels.  
 Vorrichtung für Zusammenschaltungskanäle.  
 Dispositif d'interconnexion de canaux.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Butter, Adrian Stephen, 2063 Partridge Lane, Binghamton, New York 13903, (US)

Parsons, Howard Edward, 320 Doyleson Avenue, Endwell, New York 13760, (US)

LEGAL REPRESENTATIVE:

Schafer, Wolfgang, Dipl.-Ing. (62021), IBM Deutschland Informationssysteme GmbH Patentwesen und Urheberrecht, D-70548 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 475005 A2 920318 (Basic)  
 EP 475005 A3 930324  
 EP 475005 B1 951129

APPLICATION (CC, No, Date): EP 91111276 910706;

PRIORITY (CC, No, Date): US 575575 900831

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/16; G06F-013/12;

RELATED PATENTS (EP A): US 4922410 A; EP 239324 A; EP 59838 A

REFERENCES (EP A):

INTERNATIONAL CONFERENCE ON COMPUTERS AND APPLICATIONS: 23 June 1987, BEIJING (PEKIN) CHINA pages 149 - 156 H. AMANO 'RSM (Receiver selectable multicast): A communication mechanism for multiprocessors'

IBM TECHNICAL DISCLOSURE BULLETIN. vol. 32, no. 4B, September 1989, NEW YORK US pages 442 - 454 'Peer packet communication computer enhancement and coexistence with cycle-steal channels';

ABSTRACT EP 475005 A2

Apparatus for efficiently interconnecting OEMI channels of a multiprocessor facility. A plurality of channel adapters (44-47) receive

an individual channel from a processor. A supervisory interrupt driven microprocessor (39) receives a link request from a channel adapter when the channel adapter has determined that two logical adapters are in an appropriate architected state. The microprocessor will assign a data bus to channel adapters involved in a link request if certain criteria is met by said link requests, signifying an efficient transfer between said channel adapters (44-47) is likely. (see image in original document)

ABSTRACT WORD COUNT: 95

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 920318 A2 Published application (Alwith Search Report  
;A2without Search Report)

Examination: 920812 A2 Date of filing of request for examination:  
920619

Search Report: 930324 A3 Separate publication of the European or  
International search report

Change: 930407 A2 Representative (change)

Change: 930512 A2 Representative (change)

Change: 930609 A2 Representative (change)

Change: 930922 A2 Representative (change)

Examination: 931006 A2 Date of despatch of first examination report:  
930818

Change: 940921 A2 Representative (change)

Grant: 951129 B1 Granted patent

Opposition: 961120 B1 No opposition filed

CLASSIFICATION (Publication,Procedural,Application): English; English; English

DOCUMENT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	718
CLAIMS B	(English)	EPAB95	878
CLAIMS B	(German)	EPAB95	913
CLAIMS B	(French)	EPAB95	999
SPEC A	(English)	EPABF1	7315
SPEC B	(English)	EPAB95	7500
Total word count - document A			8033
Total word count - document B			10290
Total word count - documents A + B			18323

...SPECIFICATION at a later time, when presumably the earlier request would have been completed. If not, the current X-side channel adapter link request will be **added** to the link request table if all **other table entries** have been checked and **no** exact or partial **matches** were found.

Another way in which a link request will be **added** to the link request table is if the current X-side channel adapter request exactly matches a previous entry in the link request table. A...

...SPECIFICATION at a later time, when presumably the earlier request would have been completed. If not, the current X-side channel adapter link request will be **added** to the link request table if all **other table entries** have been checked and **no** exact or partial **matches** were found.

Another way in which a link request will be **added** to the link request table is if the current X-side channel adapter request exactly matches a previous entry in the link request table. A...

6/5,K/13 (Item 13 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00265912.

A programmable machine system.

Programmierbare Steuerung.

Commande programmable.

PATENT ASSIGNEE:

UNILEVER N.V., (200919), Weena 455, NL-3013 AL Rotterdam, (NL),  
(applicant designated states: BE;CH;DE;ES;FR;GR;IT;LI;NL;SE;AT)

UNILEVER PLC, (200929), Unilever House Blackfriars P.O. Box 68, London  
EC4P 4BQ, (GB), (applicant designated states: GB)

INVENTOR:

Giles, Alan Frederick, 63, High Street Hail Weston, St. Neots Cambs. PE19  
4JW, (GB)

Moore, James Michael, 11., Fair Oak Drive, Raunds Northants, (GB)

LEGAL REPRESENTATIVE:

Roscoe, Brian Corrie et al (35461), UNILEVER PLC Patents Division P.O.  
Box 68 Unilever House, London EC4P 4BQ, (GB)

PATENT (CC, No, Kind, Date): EP 254352 A1 880127 (Basic)  
EP 254352 B1 920401

APPLICATION (CC, No, Date): EP 87201309 870710;

PRIORITY (CC, No, Date): GB 8616790 860710

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: G05B-019/05;

CITED PATENTS (EP A): US 4445169 A; DE 3504578 A; US 4488258 A; US 4253148  
A; GB 2064920 A; DE 3338396 A

ABSTRACT EP 254352 A1

A programmable machine is provided with a programmed computer and a number of actuators, the operation of the latter being controlled by the computer in conformity with this computer program. The computer also includes an operating program which co-operates with a display device and a data input device for the input of instructions to the computer. The operating program responds to a sequence of the entered instructions displayed on the display device having a separate display field for each actuator or a group of actuators and enabling an operator to enter instructions with the data input device into each field to define the movement of the respective actuator and the relationship between actuators. The display device illustrates the operating sequence of the machine as a diagram. The operating program translates this information into a machine code program controlling the operation of the actuators.

ABSTRACT WORD COUNT: 147

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 880127 A1 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 880706 A1 Date of filing of request for examination:  
880506  
Examination: 890621 A1 Date of despatch of first examination report:  
890508  
Grant: 920401 B1 Granted patent  
Change: 920506 B1 Representative (change)  
Assignee: 921202 B1 Proprietor of the patent (name, address)  
(change)  
Assignee: 930303 B1 Proprietor of the patent (transfer of rights):  
UNILEVER N.V. (200916) Weena 455 NL-3013 AL  
Rotterdam (NL) (applicant designated states:  
BE;CH;DE;ES;FR;GR;IT;LI;NL;SE;AT), UNILEVER PLC  
(200929) Unilever House Blackfriars P.O. Box 68  
London EC4P 4BQ (GB) (applicant designated  
states: GB)  
Oppn None: 930324 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	175
CLAIMS B	(German)	EPBBF1	176
CLAIMS B	(French)	EPBBF1	177
SPEC B	(English)	EPBBF1	3406
Total word count - document A			0
Total word count - document B			3934
Total word count - documents A + B			3934

...SPECIFICATION great as to enable the production line to handle a  
different size of pizza base or to manufacture, for example, salami  
pizzas instead of mushroom pizzas by adding different ingredients

the pizza base during its production.

6/5,K/15 (Item 15 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00240361

Data base processor and its method of operation.

Datenbankprozessor und Betriebsverfahren dafür.

Processeur d'une base de donnees et son procede de mise en oeuvre.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 244625 A1 871111 (Basic)

EP 244625 B1 920129

EXAMINATION (CC, No, Date): EP 87104572 870327;

OPPOSITION (CC, No, Date): SE 861973 860429

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-013/14; G06F-015/16; G06F-015/40;

CITED PATENTS (EP A): US 3889237 A; US 4044337 A; US 4078254 A

ABSTRACT EP 244625 A1

In a data processing system a data base processor includes data base means (32) storing a plurality of tables and a data base manager (31) comprising a command router (34) and a plurality of command processors (80-92). Select, Copy, Create and Fit command processors (85,88,89,90) are used to select a portion of a stored source table, copy it into a target table, create new rows and fill them with new data. The source table and the target table can be compared by presenting them as a view on a user terminal. The target table may be located in the same data base as the source table or in an auxiliary data base connectable and disconnectable to and from the main data base. A production control dialog (70) is used for data source and data base identification and modification purpose.

The data base processor is preferably used as a Service Level Reporter (SLR) including a main data base for actual data and an auxiliary data base for forecasting data.

ABSTRACT WORD COUNT: 172

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 871111 A1 Published application (A1with Search Report  
;A2without Search Report)

Examination: 880420 A1 Date of filing of request for examination:  
880224

Change: 880727 A1 Representative (change)

Examination: 890830 A1 Date of despatch of first examination report:  
890713

Change: 900307 A1 Representative (change)

Grant: 920129 B1 Granted patent

Oppn None: 930120 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1070
CLAIMS B	(German)	EPBBF1	920
CLAIMS B	(French)	EPBBF1	1382
SPEC B	(English)	EPBBF1	6441

Total word count - document A 0  
Total word count - document B 9813  
Total word count - documents A + B 9813

...SPECIFICATION source table but that are present in the target table  
(target column value will be set to missing or TOT as allowed),  
columns in the **target table** whose values cannot be updated  
(value will be set to missing),  
columns with the **same** names but **different** types (value will be  
set to missing or TOT as allowed).  
104. Set up default target row.  
This row has all columns containing missing values...

6/5,K/17 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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2102367

**TARGETED INCENTIVES BASED UPON PREDICTED BEHAVIOR**  
**STIMULATIONS CIBLEES SE BASANT SUR UN COMPORTEMENT PREDIT**

Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200381376 A2-A3 20031002 (WO 0381376)

Application: WO 2002US25957 20020903 (PCT/WO US02025957)

Priority Application: US 2002365546 20020320

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Abstract Availability:

Abstract Description

Claims

Fulltext Word Count: 17368

**English Abstract**

A system and method for anticipating consumer behavior and determining transaction incentives for influencing consumer behavior comprises a computer system and associated database for determining cross time correlations between transaction behavior, for applying the function derived from the correlations to consumer records to predict future consumer behavior, and for deciding on transaction incentives to offer the consumers based upon their predicted behavior.

**French Abstract**

Systeme et procede pour anticiper le comportement d'un consommateur et determiner des stimulations de transaction destinees a influencer le comportement du consommateur, comprenant un systeme informatique et une base de donnees associee pour determiner des correlations temporelles croisees entre des comportements relatifs a des transactions ; appliquer la fonction derivee des correlations a des enregistrements de consommateur afin de predire un comportement futur du consommateur ; et

definir des stimulations de transaction a offrir aux consommateurs sur la base de leur comportement predict.

Legal Status (Type, Date, Text)

Publication 20031002 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20040212 Late publication of international search report

Republication 20040212 A3 With international search report.

Fulltext Availability:

Detailed Description

Detailed Description

... more consumer records to access, system 20 performs step 365c.

In step 360c, the consumer record does not meet the predicted behavior and system 20 adds the consumer record to a non - target matching table in database 30.

In step 365c, system 20 determines correlations between the targeted purchasing behavior and the non-targeted

6/5,K/18 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01047035 \*\*Image available\*\*

BUSINESS ANALYSIS TOOL

OUTIL D'ANALYSE COMMERCIALE

Patent Applicant/Assignee:

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LAU Jonathan, Flat 05, Kam Pui House 39th Floor, Kam Pui Court, Ma On Shan, Hong Kong, CN, CN (Residence), GB (Nationality), (Designated only for: US)

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200377058 A2 20030918 (WO 0377058)

Application: WO 2003US6275 20030303 (PCT/WO US0306275)

Priority Application: US 200291140 20020306

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE

SI SK TR

UA US

VE

ZA ZM ZW

With International Patent Class: G06F

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 16595

English Abstract

In accordance with an exemplary embodiment of the invention, a single

automated accounting and business analysis system is employed to acquire, organize, record, analyze and plan all the relevant financial and non-financial business metrics required by a company's management, suppliers, creditors, shareholders, regulators, etc. This includes all the internally generated metrics and external metrics such as data related to the economy, a particular industry, weather conditions, etc.

#### French Abstract

Selon un mode de realisation de l'invention, un systeme unique d'analyse comptable et commerciale automatise sert a acquerir, a organiser, a enregistrer, a analyser et a prevoir toutes les mesures financieres et non financieres pertinentes demandees par le service de gestion, les fournisseurs, les creanciers, les actionnaires, le service de reglementation, etc. d'une entreprise. Ceci comprend toutes les mesures produites en interne ainsi que les mesures externes de type donnees associees a l'economie, a une industrie particuliere, aux conditions meteorologiques, etc.

Legal Status (Type, Date, Text)

Publication 20030918 A2 Without international search report and to be republished upon receipt of that report.

Availability:

Description

#### Detailed Description

... and a customer record (if the Account is a Customer account) (which contains two primary keys such as Company ID, Account Code).

[0082] Instead of **inserting** three lock records into the Lock Table to lock the three **records** from **different tables**, one Lock **Record** can be **inserted** to lock all three records. The key is the "Database Table" for those types of records that have the same Attribute code (for example "AAAA...).

6/5,K/20 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00959205 \*\*Image available\*\*

#### EVENT DETECTION WITH CONCURRENT DATA UPDATES

#### DETECTION D'EVENEMENTS AVEC MISES A JOUR DE DONNEES CONCURRENTES

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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J. B. T., P.O. Box 60543, Pasadena, CA 91116-6543, US, US (Residence),  
(Nationality), (Designated only for: US)

Legal Representative:

HARDAWAY John B III (et al) (agent), NEXSEN PRUET JACOBS & POLLARD, LLC,  
P.O. Box 10107, Greenville, SC 29603, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200293313 A2-A3 20021121 (WO 0293313)

Application: WO 2002US15390 20020515 (PCT/WO US0215390)

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CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English



Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 4281

#### English Abstract

An event detection system allows data to be inserted while event conditions are being checked. Each record is assigned a time stamp by a time stamp manager (10) as it is inserted into a database by a database manager (30). Each event condition check is assigned a time stamp range in an event condition manager(20). The event condition check then produces only those matches that have at least one record with a time stamp in the range and no record with a time stamp after the range. After each event condition check, the range is changed so that, in subsequent checks, no part of a previous range is duplicated and no time stamps are excluded from every checked range. As a result of this process, records may be inserted while event conditions are being checked.

#### French Abstract

L'invention concerne un systeme de detection d'evenements permettant de saisir des donnees pendant la verification des conditions d'evenements. Un horodatage est attribue a chaque enregistrement introduit dans la base de donnees. Une limite d'horodatage est attribuee a chaque verification de conditions d'evenements. La verification des conditions d'evenements ne produit alors que les correspondances qui presentent au moins un enregistrement avec un horodatage dans la limite et aucun enregistrement avec un horodatage hors limite. Apres chaque verification de conditions d'evenements, cette limite est modifiee, pour que dans les verifications ulterieures, aucun segment de limite precedente n'est duplique et aucun horodatage n'est exclu de chacune des limites verifiees. Ainsi, ce procede permet d'introduire des enregistrements pendant la verification des conditions d'evenements.

Legal Status (Type, Date, Text)

Publication 20021121 A2 Without international search report and to be  
republished upon receipt of that report.  
Search Rpt 20030501 Late publication of international search report  
Republication 20030501 A3 With international search report.

Fulltext Availability:  
Detailed Description

#### Detailed Description

... more complex than the one illustrated in Fig. 1. This system offers the advantage of more opportunities for concurrently handling records and event conditions.

6

**Records bound for different tables need not be inserted** into the database in the order in which they are received. Furthermore, multiple records may be inserted simultaneously, and multiple event conditions may be checked...

6/5,K/25 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00520695 \*\*Image available\*\*

**METHOD AND SYSTEM FOR MIGRATING DATA**  
**PROCEDE ET SYSTEME DE TRANSFERT DE DONNEES**

Patent Applicant/Assignee:

SAGE IMPLEMENTATIONS L L C,

Inventor(s):

ABRAMS Helene G,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9952047 A1 19991014

Application: WO 99US7569 19990406 (PCT/WO US9907569)  
Priority Application: US 9856360 19980407  
Designated States: AU CA DE GB IL JP MX AT BE CH CY DE DK ES FI FR GB GR IE  
IT LU MC NL PT SE  
Main International Patent Class: G06F-017/30  
Publication Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 12054

#### English Abstract

Method and system of the invention migrate data from one or more ASCII files and/or from one or more relational databases to one or more relational database tables without the need to write code. In doing so, the invention allows the user to define mapping templates and conditionals to assist in translating and transforming data values. The invention also enforces referential integrity, data dependencies, order of operations, and uniqueness constraints using a predefined set of migration rules templates that are based on the principles of relational design. The invention uses these mapping and migration rules templates to intelligently generate instructions for updating or populating relational database destination tables. The instructions control the data transfer, data translation, data transformation, data validation, foreign key insertion, and the addition of required codes and flags in the destination tables. A migration engine of the system includes a data map architect and an update processor which spawns the templates and migrates the data dynamically, utilizing the data definitions for the destination tables. In addition to supporting conversion efforts, the invention provides support for performing consolidation, restoration from an archive, migration to new instances, upgrading to a new release, adding bolt-ons and enhancements, and changing business requirements. The audit trail in the invention is complete enough that the entire migration process can be reversed without compromising the integrity of either the source or the destination application.

#### French Abstract

Le procede et le systeme de cette invention permettent de transférer des données entre un et plusieurs fichiers ASCII et/ou une ou plusieurs bases de données relationnelles sans qu'il soit nécessaire d'écrire du code. De cette manière le procede et le systeme de cette invention permettent à l'utilisateur de définir des gabarits de mappage et des conditions qui participent à la traduction et à la transformation des valeurs de données. Cette invention met également en pratique l'intégrité référentielle, les dépendances entre les données, l'ordre des opérations et les contraintes d'unicité à l'aide d'un ensemble prédéfini de gabarits de règles de transfert qui sont basées sur les principes de la conception relationnelle. On utilise dans cette invention les gabarits de règles de mappage et de transfert pour générer de manière intelligente des instructions servant à améliorer ou à peupler des tables de destination à base de données relationnelles. Les instructions commandent le transfert de données, la traduction de données, la validation de données, l'insertion de cle externe et l'ajout de codes et d'indicateurs nécessaires dans les tables de destination. Un moteur de transfert du systeme comprend un architecte de carte de données et un processeur de mise à jour qui génère les gabarits et transfère dynamiquement les données, en utilisant les définitions de données associées aux tables de destination. Outre le fait qu'elle supporte les efforts de conversion, cette invention apporte son appui pour effectuer la consolidation, la restauration à partir d'une archive, le transfert vers de nouvelles instances, l'amélioration pour former une nouvelle version, l'ajout de boulons et d'améliorations, et la modification des besoins du systeme. La vérification retrospective dans cette invention est suffisamment complète pour que la totalité du processus de transfert puisse être inversé sans pour autant compromettre l'intégrité de l'application de source ou de l'application de destination.

Fulltext Availability:

## Detailed Description

### Detailed Description

... portion of the data from one environment to another without destroying the referential integrity of the destination.

Another use of the invention is to automatically add additional data to many different destination tables at the same time. The invention uses the logic of a multivariate reverse concatenation translation pattern to populate the destination tables.

While the best mode...

6/5,K/29 (Item 13 from file: 349)

FILE:US(R)File 349:PCT FULLTEXT

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0363081

METHOD AND APPARATUS FOR MODIFYING EXISTING RELATIONAL DATABASE SCHEMAS TO REFLECT CHANGES MADE IN A CORRESPONDING OBJECT MODEL  
PROCEDE ET APPAREIL DE MODIFICATION DE SCHEMAS DE BASES DE DONNEES RELATIONNELLES EXISTANTES POUR REPERCUTER DES CHANGEMENTS INTERVENUS DANS UN MODELE OBJET CORRESPONDANT

Patent Applicant/Assignee:

WALL DATA INCORPORATED,

KAWAI Kenji,

Inventor(s):

KAWAI Kenji,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9703406 A1 19970130

Application: WO 96US8571 19960603 (PCT/WO US9608571)

Priority Application: US 95499392 19950707

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB

GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ

PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG

AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL

PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18300

### English Abstract

An object model comprises one or more semantic objects that represent items about which data is stored in a relational database in a computer system. Each semantic object has one or more components that define the data stored for each item. The object model is mapped into a current relational database schema. As a user makes changes to the model the computer system generates a proposed relational database schema, and the differences between the current relational database schema and the proposed relational database schema are determined. The relational database is modified to reflect changes made in the corresponding object model based upon the differences between the current and proposed relational database schemas.

### French Abstract

Un modele objet comprend un ou plusieurs objets semantiques qui representent des articles dont les donnees sont stockees dans une base de donnees relationnelle d'un systeme informatique. Chaque objet semantique est constitue d'un ou plusieurs composants definissant les donnees stockees pour chaque article. Le modele objet correspond a un schema de base de donnees relationnelle. Lorsqu'un utilisateur fait des changements sur le modele, le systeme informatique genere une proposition de schema

de base de donnees relationnelle, ce qui permet de determiner les differences entre le schema courant de la base de donnees relationnelle et la proposition de schema de la base de donnees relationnelle. La base de donnees relationnelle est modifiee de facon a repercuter les changements intervenus dans le modele objet correspondant en fonction des differences, et ce, entre les schemas courants et les propositions de schemas de la base de donnees relationnelle.

Fulltext Availability:  
Detailed Description

Detailed Description  
... steps outlined in FIGURE 1011 and described above.

The following illustrates the basic format of an SQL statement that creates a ternary table and inserts with the data from three different tables for the example shown in FIGURE 12.

```
CREATE TABLE TempTh1 (Soc - Sec- No, Int, Name Text(50),  
Phone Text(25)
```

```
A  
INSERT INTO TempTh1 (Soc...
```

...to  
Employee.Soc-Sec-N.Lo  
AND Office.Title is foreign Key to Manager. Title  
With the present standard SQL, it is not possible to insert multiple sets of data from different tables sequentially. As the above statement illustrates, all three source columns and their corresponding tables have to be specified at the same time. The WHERE clause...

6/5,K/30 (Item 14 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00307851

#### DATABASE QUERY SYSTEM

#### SYSTEME D'INTERROGATION DE BASES DE DONNEES

Applicant/Assignee:

SOFTWARE AG,  
SHWARTZ Steven P,

Inventor(s):

SHWARTZ Steven P,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9526003 A1 19950928

Application: WO 95IB517 19950323 (PCT/WO IB9500517)

Priority Application: US 94217099 19940324

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU

JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD

SE SI SK TJ TT UA US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE

IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 23878

#### English Abstract

A database query system includes a query assistant that permits the user to enter only queries that are both syntactically and semantically valid (and that can be processed by an SQL generator to produce semantically valid SQL). Through the use of dialogue boxes, a user enters a query in an intermediate English-like language which is easily understood by the user. A query expert system monitors the query as it is being built, and using information about the structure of the database, it prevents the user from building semantically incorrect queries by disallowing choices in the dialogue boxes which would create incorrect queries. An SQL

generator is also provided which uses a set of transformations and pattern substitutions to convert the intermediate language into a syntactically and semantically correct SQL query. The intermediate language can represent complex SQL queries while at the same time being easy to understand. The intermediate language is also designed to be easily converted into SQL queries. In addition to the query assistant and the SQL generator, an administrative facility is provided which allows an administrator to add a conceptual layer to the underlying database making it easier for the user to query the database. This conceptual layer may contain alternate names for columns and tables, paths specifying standard and complex joins, definitions for virtual tables and columns, and limitations on user access.

#### French Abstract

Un systeme d'interrogation de bases de donnees comprend un systeme d'aide d'interrogation permettant a l'utilisateur de n'entrer que les interrogations a la fois syntaxiquement et semantiquement correctes (et pouvant etre traitees par un generateur de langage d'interrogation structure (SQL) afin de produire un SQL semantiquement correct). Le fait d'utiliser des cadres de dialogue permet a l'utilisateur d'entrer une interrogation dans un langage intermediaire de type anglais facilement compris par l'utilisateur. Un systeme expert d'interrogation controle l'interrogation a mesure qu'elle est formulee, et a l'aide d'informations relatives a la structure de donnees, il empeche l'utilisateur d'elaborer des interrogations semantiquement incorrectes en interdisant des choix dans les cadres de dialogues, lesquels creeraient des interrogations incorrectes. On a egalement prevu un generateur SQL, il utilise un ensemble de transformations et de substitutions de configuration afin de convertir le langage intermediaire en une interrogation SQL syntaxiquement et semantiquement correcte. Le langage intermediaire peut represente des interrogations SQL complexes tout en etant simultanement facile a comprendre. Ledit langage intermediaire est egalement concu pour etre converti facilement en interrogations SQL. Outre le systeme d'aide d'interrogation et le generateur SQL, on a prevu une unite de gestion permettant a un administrateur d'ajouter une couche conceptuelle a la base de donnees sous-jacente, facilitant a l'utilisateur l'interrogation de la base de donnees. Cette couche conceptuelle peut contenir differents noms de colonnes et de tables, des voies specifiant des raccordements classiques et complexes, des definitions de tables et de colonnes virtuelles, ainsi que des limitations d'accès utilisateur.

#### Fulltext Availability:

Detailed Description

#### Detailed Description

... the same). In the illustrated embodiment, the Administrator can also provide in the conceptual layer definitions for non-equijoin relationships between tables which will join rows from two different tables when a particular condition is met. For example, another table ORDTYPE could be added to the example of Fig. 1A-1G that provides different classifications for orders of dollar amounts in different ranges.

Low High Type

0 10000 Small...

6/5,K/31 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00300850 \*\*Image available\*\*

UPDATE MECHANISM FOR COMPUTER STORAGE CONTAINER MANAGER

MOYEN DE MISE A JOUR POUR MODULE DE GESTION D'ELEMENTS DE STOCKAGE

D'ORDINATEURS

Patent Applicant/Assignee:

APPLE COMPUTER INC,

Inventor(s):

HARRIS Jared M,  
RUBEN Ira L,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9519001 A1 19950713

Application: WO 95US196 19950104 (PCT/WO US9500196)

Priority Application: US 94177853 19940105

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU  
JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD  
SE SI SK TJ TT UA UZ VN KE MW SD SZ AT BE CH DE DK ES FR GB GR IE IT LU  
MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-009/44

Publication Language: English

Fulltext Availability:

Abstract: Description

Claims

Fulltext Word Count: 119635

#### English Abstract

Methods and data structures are defined which permit information to be stored as objects in target containers and update containers. A target container defines a first state of the information, and the update container, which can point to the target container, identifies changes to the information in the first state which would be sufficient to update the first information state to a second information state. Update containers may be nested to any depth. When an application program opens an update container, the procedure searches down the chain until it finds the ultimate target container. It then creates in-memory structures for providing access to the objects and value data represented in such container. The procedure then works its way back up the chain, performing the changes on the in-memory structure, which are called for in each of the update containers.

#### French Abstract

L'invention se rapporte a des structures de donnees et a des procedes permettant de stocker des informations sous forme d'objets dans des elements de stockage cibles et dans des elements de stockage de mise a jour. Un element de stockage cible definit un premier etat relatif aux informations, et l'element de stockage de mise a jour, qui peut identifier l'element de stockage cible, identifie des modifications des informations presentant le premier etat, qui devraient permettre la mise a jour dudit premier etat en un second etat. Les elements de stockage de mise a jour peuvent s'emboiter indefiniment. Lorsqu'un programme d'application ouvre un element de stockage de mise a jour, la procedure appliquee consiste a effectuer une recherche le long de la chaine jusqu'a ce que l'element de stockage cible au bout de la chaine soit identifie. Des structures en memoire sont alors creees afin de permettre l'accès aux objets et aux donnees de valeur representes dans un tel element de stockage. La procedure consiste alors a remonter la chaine, et a effectuer, dans la structure en memoire, les modifications requises dans chacun des elements de stockage de mise a jour.

Fulltext Availability:

Claims

Claim

1. The

considered.

First, The Container Manager format allows a single object to have multiple values with the same property ID, All the values must have **different** types. Such multiple values are intended to be used as alternative representations of the same information.

**Second**, the **table** of contents can contain multiple entries for a single value, These entries mean that the value represented by the entry is actually stored in multiple...

6/5,K/32 (Item 16 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00157198 \*\*Image available\*\*

**A RELATIONAL DATABASE USING IDENTIFIERS**

**BASE DE DONNEES RELATIONNELLES UTILISANT DES IDENTIFICATEURS**

Patent Applicant/Assignee:

NUCLEUS INTERNATIONAL CORPORATION,

Inventor(s):

CALDWELL Douglas Wyche,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8903567 A1 19890420

Application: WO 88US3477 19881006 (PCT/WO US8803477)

Priority Application: US 87435 19871009; US 88702 19880826

Designated States: AT AU BE CH DE FR GB IT JP LU NL SE

Main International Patent Class: G06F-015/40

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12406

**English Abstract**

A relational database management system in which entities stored in the database are replaced in the relations with coded identifiers (270, 285). Problems are encountered in relational database management when changing data which is correct for some entities but incorrect for others. The present invention solves the problem of referential integrity by extending the use of identifiers so that each relational entity of a relation may reference another relational entity (or row) of the same or different relation. A group of related entities in one row of a relation may be replaced by an identifier in all other relations in which the same entities are grouped in a row. The identifiers replace the entities in all relational database operations.

**French Abstract**

Systeme de gestion de bases de donnees relationnelles dans lequel des entites stockees dans la base de donnees sont remplacees dans les relations avec les identificateurs codes (270, 285). On se trouve confronte a des problemes dans la gestion de bases de donnees relationnelles lors du changement de donnees correctes pour certaines entites mais incorrectes pour d'autres. La presente invention resout le probleme d'integrite referentielle en etendant l'utilisation d'identificateurs de sorte que chaque entite relationnelle d'une relation peut faire reference a une autre entite relationnelle (ou ligne) de la meme relation ou d'une relation differente. On peut remplacer un groupe d'entites connexes dans la file d'une relation, par un identificateur qui remplace les autres relations dans lesquelles les memes entites sont regroupes dans une file. Les identificateurs remplacent les entites dans toutes les operations de bases de donnees relationnelles.

Fulltext Availability:

Detailed Description

**Detailed Description**

... The system can automatically check

whether a newly added entity is an exact duplicate of an existing entity, without requiring any further checking of any **added** or changed key data or any comparisons with other associated key **data** in the same or a **different table** in the database.

File 275:Gale Group Computer DB(TM) 1983-2004/Mar 26  
(c) 2004 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Mar 26  
(c) 2004 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2004/Mar 26  
(c) 2004 The Gale Group  
File 16:Gale Group PROMT(R) 1990-2004/Mar 26  
(c) 2004 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2004/Mar 26  
(c)2004 The Gale Group  
File 624:McGraw-Hill Publications 1985-2004/Mar 25  
(c) 2004 McGraw-Hill Co. Inc  
File 15:ABI/Inform(R) 1971-2004/Mar 26  
(c) 2004 ProQuest Info&Learning  
File 647:CMP Computer Fulltext 1988-2004/Mar W2  
(c) 2004 CMP Media, LLC  
File 674:Computer News Fulltext 1989-2004/Mar W2  
(c) 2004 IDG Communications  
File 696:DIALOG Telecom. Newsletters 1995-2004/Mar 25  
(c) 2004 The Dialog Corp.  
File 369:New Scientist 1994-2004/Mar W3  
(c) 2004 Reed Business Information Ltd.

Set	Items	Description
S1	22483	(DESTINATION OR TARGET OR 2ND OR SECOND??? OR OTHER OR ANOTHER OR FINAL OR RESULTING OR RESULTANT OR DIFFERENT OR SEPARATE OR FOREIGN OR GLOBAL) (1W)TABLE? ?
	14803	(MATCH??? OR SAME OR IDENTICAL? OR EQUIVALENT OR ANALOGOUS OR COMPARABLE OR DUPLICATE? ? OR ALIKE) (5N) (ROW? ? OR DATA OR INFORMATION OR CONTENT OR ELEMENT? ? OR ITEM? ? OR ENTRY OR ENTRIES OR RECORD? ? OR OBJECT? ?)
S3	21	S1(7N)S2(7N)(UPDAT??? OR REPLAC? OR OVERWRT??? OR OVER()WRIT??? OR REVIS??? OR SUBSTITUT??? OR AMEND??? OR CHANG??? OR MODIF???? OR ALTER???)
S4	163168	(DIFFERENT OR DISSIMILAR OR UNALIKE OR ("NOT" OR NON OR NO OR T) (3W) (MATCH??? OR SAME OR IDENTICAL OR EQUIVALENT OR ANALOG? OR COMPARABLE OR DUPLICATE? ? OR ALIKE)) (5N) (ROW? ? OR DATA OR INFORMATION OR CONTENT OR ELEMENT? ?)
S5	42089	(DIFFERENT OR DISSIMILAR OR UNALIKE OR ("NOT" OR NON OR NO OR T) (3W) (MATCH??? OR SAME OR IDENTICAL OR EQUIVALENT OR ANALOG? OR COMPARABLE OR DUPLICATE? ? OR ALIKE)) (5N) (ITEM? ? OR ENTRY OR ENTRIES OR RECORD? ? OR OBJECT? ?)
S6	9	S1(7N)S4:S5(7N) (INSERT??? OR ADD???)
S7	30	S3 OR S6
S8	26	RD (unique items)



8/3,K/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02418097 SUPPLIER NUMBER: 62925848 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Easier Database Monitoring.**  
McKIE, STEWART  
Intelligent Enterprise, 3, 9, 56  
June 5, 2000  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1875 LINE COUNT: 00160

... created some additional process substeps, one responding to price changes by updating the target database table, and the other sending an email alert and attached, **updated** price list to specific salespeople.

You **update** the **target table** much the **same** way as you define the **data** source to monitor. Once the target criteria are defined, you can **update**, insert, or delete rows in the target table. (You could always create it first if you wanted, using the SQL Agent.) For each column in...

8/3,K/2 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02104520 SUPPLIER NUMBER: 19758444 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Audit history and time-slice archiving in an object DBMS for laboratory databases. (ChemStudy) (Product Information)**  
Loomis, Timothy  
Hewlett-Packard Journal, v48, n4, p80(10)  
August, 1997  
ISSN: 0018-1153 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8181 LINE COUNT: 00643

... component) objects.

Exclusive Lock. A database mark placed on an object on behalf of a user to prohibit another user from obtaining a lock or **modifying** the object.

Foreign Key. A way of identifying data from a **row** in one table that is **duplicated** in a **row** in **another table** to logically relate the two rows.

Pessimistic Concurrency. The model of database design and programming that obtains exclusive locks on data to be updated to...

8/3,K/3 (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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0205241 SUPPLIER NUMBER: 18857636 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**ARS to Remedy help desk. (Remedy's Action Request System 3.0 help desk software) (Product Announcement) (Brief Article)**  
Kerstetter, Jim  
PC Week, v13, n45, p37(1)  
Nov 11, 1996  
DOCUMENT TYPE: Product Announcement Brief Article ISSN: 0740-1604  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 394 LINE COUNT: 00034

... it has been around in the database world for some time. But joining the tables in a Remedy help desk application lets an administrator make **changes** to a particular table and have those **changes** occur in **other tables** that use the **same data**. In the past, those **changes** would have required manual entry, Blair said.

Blair also said the version's end-user-oriented interface makeover will make the package more intuitive for...

8/3,K/4 (Item 4 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01922727 SUPPLIER NUMBER: 18027489 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**FileMaker Pro 3.0: database favorite goes relational, works the Web. (from**

**Claris) (Software Review) (Evaluation)**

Seiter, Charles

Macworld, v13, n4, p56(1)

April, 1996

DOCUMENT TYPE: Evaluation ISSN: 0741-8647 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 914 LINE COUNT: 00075

... two-dimensional table, much like a spreadsheet. The simplest sort of relational capability is to look up data in one of these tables and **add** it to **another table**. In a relational link, two columns with the same information in two **different tables**--a column of Social Security numbers that appears in a table of employee salaries and in a table of employee home addresses, for example--are...

8/3,K/5 (Item 5 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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1704280 SUPPLIER NUMBER: 17159768 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Using the CA-Clipper 5.3 Workbench. (Computer Associates International's**

**Micro Products Div) (Product Announcement)**

Gutierrez, Dan

Data Based Advisor, v13, n5, p144(8)

June, 1995

DOCUMENT TYPE: Product Announcement ISSN: 0740-5200 LANGUAGE:

English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3086 LINE COUNT: 00251

... ones by name. Say you have an existing data server named Orders Master and it has a field spec called CustNumber. You can use the **same** field spec when defining another **data server for another table** called Customer Master. When properties need to **change** for this field spec e.g., evaluation rule, the change is inherited by both data servers and any data based on the data...

8/3,K/6 (Item 6 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01723334 SUPPLIER NUMBER: 15987266 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Updating multiple tables from a datawindow: here's an alternative to the**

**hard-coded solution. (PowerBuilder Pro) (Tutorial) (Column)**

Horwith, Michael

Data Based Advisor, v12, n12, p114(4)

Dec, 1994

DOCUMENT TYPE: Tutorial Column ISSN: 0740-5200 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1660 LINE COUNT: 00137

... use the second of the two parameters the Update() function accepts. This parameter is a boolean value that, if false, says "Do not reset the **update** status flags or the delete buffer." When this parameter is used, the **same rows** and columns that issue **updates** for one table can issue **updates for another table**.

A hard-coded solution

To get a feel for how this works, let's look at a simple example. The datawindow in figure 1, d...

8/3,K/7 (Item 7 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01648999 SUPPLIER NUMBER: 15509905  
A new database design principle. (base tables should not have overlapping meanings) (Technical)  
McGoveran, David  
Database Programming & Design, v7, n7, p46(7)  
July, 1994  
DOCUMENT TYPE: Technical ISSN: 0895-4518 LANGUAGE: ENGLISH  
RECORD TYPE: ABSTRACT

...ABSTRACT: should not give independent base tables overlapping meanings. This fundamental design principle eliminates both redundancy and potential update errors. It also ensures that rules for **updating** intersection, union and difference views work correctly and yield no errors. Redundancy within databases **duplicates** information across **separate tables**, requiring **duplicate** efforts to **update** the **information**. By following the proposed principle, designers can ensure that the DBMS knows in which table to put a data row when processing it for inclusion...

8/3,K/8 (Item 8 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01636900 SUPPLIER NUMBER: 14751525 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Aperture 4 opens doors between CAD drawings and databases;  
facilities-management app collaborates and communicates. (Graphic  
Management Group Inc.'s Aperture version 4.0 integrated computer-aided  
design and database management system) (Software Review) (Evaluation)  
Johnson, Timothy E.  
MacWEEK, v7, n45, p82(2)  
Nov 15, 1993  
DOCUMENT TYPE: Evaluation ISSN: 0892-8118 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1727 LINE COUNT: 00139

... your database has been eased in at least three ways: You can add pop-up menus to fields that call for multiple choices, type in **another table**'s key to fill your new table with the **matching** table's **data** or use Aperture's Batch **Update** feature to import data from spreadsheets. The Batch Update command works by matching fields in the tab- or comma-delimited spreadsheet file with the corresponding...

8/3,K/9 (Item 9 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01551651 SUPPLIER NUMBER: 12236770 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
C packages. (C programming language) (Tutorial)  
Measday, Charles  
C Users Journal, v10, n6, p70(3)  
June, 1992  
DOCUMENT TYPE: Tutorial ISSN: 0898-9788 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1462 LINE COUNT: 00116

... hcreate would be better off returning an opaque, void \* pointer to the hash table it creates. This handle could then be passed to hsearch for **adding** and recalling **entries** from that particular table. **Different** **hash tables** would have different handles and could coexist peacefully.  
Packages As OOP?  
C packages can be viewed as a primitive form of object-oriented programming. (Ken...

8/3,K/10 (Item 10 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01541037 SUPPLIER NUMBER: 12741279 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
R:BASE 4.0 matures in 32-bit release. (Microrim Inc.'s data base management system) (Software Review) (Evaluation)  
Downall, Bill  
Data Based Advisor, v10, n10, p73(7)  
Oct, 1992  
DOCUMENT TYPE: Evaluation ISSN: 0740-5200 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2832 LINE COUNT: 00219

... R:BASE's file buffering.

There are other improvements responsible for the better faster performance. The best of these is an extension to the SQL **UPDATE** command that allows **updating** rows in one table with values looked up or calculated from **matching rows in other tables** or views. The traditional way to do this has been by writing a DECLARE CURSOR loop and updating one row at a time. This new...

...the DECLARE CURSOR example mentioned in the timings table above, the program stopped at each row in one table, computed a sum of values from **matching rows in another table**, then set a column in the first table to the computed value. The new **UPDATE** did the same work

8/3,K/11 (Item 11 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01520124 SUPPLIER NUMBER: 12219348 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
All toolled up: just as Windows opened up computing to the masses, the new generation of tools promises to take the hassle out of programming. (two toolkits for Windows programming: Visual Basic Professional Toolkit, from Microsoft Corp.; and Q+E Database/VB, from Pioneer Computer Inc.)  
(Software Review) (Windows Programming) (Evaluation)

Evans, Phil  
PC User, n184, p69(2)  
May 6, 1992  
DOCUMENT TYPE: Evaluation ISSN: 0263-5720 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1605 LINE COUNT: 00122

... to deal with problems directly,

The Basic's control array feature mirrors Visual Basic's control array feature, and allows the designer to display multiple **records** from **different table** and **insert**, delete and update individual records. QEVb also supports record and file-locking, and multi-users.

Last words

These two toolkits, and others like them, are...

8/3,K/12 (Item 12 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01498502 SUPPLIER NUMBER: 11908719 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Getting data into your server's tables. (how to import data into SQL Server and Oracle databases) (includes a related article on various software publishers' server plans) (Client/Server Advisor) (Tutorial)

Watterson, Karen  
Data Based Advisor, v10, n2, p88(7)  
Feb, 1992  
DOCUMENT TYPE: Tutorial ISSN: 0740-5200 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3159 LINE COUNT: 00244

... a certain amount of quality control, and he knew record counts should always be multiples of 500. He also had concurrent bcp sessions running from **different** workstations, **adding records to different tables** to speed up the overall process.

Peter Thawley, senior systems analyst with The Frank Russell Co., a financial services firm in Tacoma, WA, used bcp...

8/3,K/13 (Item 13 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01452326 SUPPLIER NUMBER: 11379341 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**SQL and update tapes. (structured query language)**  
Celko, Joe  
TECH Specialist, v2, n9, p57(5)  
Sept, 1991  
ISSN: 1049-913X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1895 LINE COUNT: 00133

... of the records and the update rows had an elaborate program to add the proper 'internal company only' key to them. The concern was that **other tables** in the database depend on the **same** key to reference their **rows**. A **change** in the primary key here must cascade to **other tables** or the whole thing falls apart.

However, the whole issue of primary keys is secondary to the issue of updating this single table. This tape...

8/3,K/14 (Item 14 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01452327 SUPPLIER NUMBER: 07171244 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Emulating OPS5 with a database. (includes related article on three primary relations)**  
Linnell, Arie  
AI Expert, v4, n2, p32(8)  
Feb, 1989  
ISSN: 0888-3785 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3374 LINE COUNT: 00281

... the left-hand side and an update program corresponding to the right-hand side for each rule. The fact base would be represented by a **separate table** for each **data** structure.

\* Save the **matching information** over the execution cycles so only those **changes** to the fact base by the last firing need to be computed (similar to DBMS's view maintenance). This incremental approach is appropriate to production...

8/3,K/15 (Item 15 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01262926 SUPPLIER NUMBER: 07192902  
**A puzzling Paradox. (Borland's Paradox 3.0 has some outstanding features, but ...) (Software Review) (evaluation)**  
Lima, Tony  
DBMS, v2, n5, p72(5)  
May, 1989  
DOCUMENT TYPE: evaluation ISSN: 1041-5173 LANGUAGE: ENGLISH  
RECORD TYPE: ABSTRACT

ABSTRACT: Borland International's Paradox 3.0 database management package has some powerful new features. One relational enhancement is the ability

to display, edit, **add**, delete, or include in reports up to five **different data tables**. Several new commands have been **added** to PAL to manage multi-table forms, including link-locking for data integrity in multi-user systems. Full outer join capability and an explicit OR operator

8/3,K/16 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04675173 Supplier Number: 46881093 (USE FORMAT 7 FOR FULLTEXT)  
**ARS to Remedy help desk**  
PC Week, p37  
Nov 11, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count: 377

... it has been around in the database world for some time. But joining the tables in a Remedy help desk application lets an administrator make **changes** to a particular table and have those **changes** occur in **other tables** that use the **same data**. In the past, those **changes** would have required manual entry, Blair said.

Blair also said the version's end-user-oriented interface makeover will make the package more intuitive for...

8/3,K/17 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

04681827 Supplier Number: 45684548  
**Business Barometer: Leading ACE inhibitors--oral solid forms only**  
Drug Topics, v139, n14, p23  
July 24, 1995  
Language: English Record Type: Abstract  
Article Type: Biography; Industry overview; Company profile; Executive change; Agency change  
Document Type: Magazine/Journal; Trade

ABSTRACT:

...total Rx retail price, 5/95 average total Rx size (units, average days therapy, average cost/day) based on data from Scott-Levin Associates, a **change** from Walsh America/PMSI; thus **data** may not be **comparable** to other months; **another table** gives Rx activity for all pharmacies, total Rx volume paid by private payment, by private third party, by Medicaid, percent of volume paid by private...

8/3,K/18 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

14498117 SUPPLIER NUMBER: 84879861 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Helpful or harmful? The impact of strategic change on the performance of U.S. urban hospitals.**  
Trinh, Hanh Q.; O'Connor, Stephen J.  
Health Services Research, 37, 1, 145(27)  
Feb, 2002  
ISSN: 0017-9124 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8586 LINE COUNT: 00908

... emphasis, may lead to unintended and undesirable outcomes. As Zajac, Kraatz, and Bresser (2000) pointed out, strategic misfit may occur when an organization tries to **match** its strategy to a single **element** of its context but ignores how such a **change** will influence fit among **other elements**.

Table 1:

Measures of Study Variables

Variables	Measurement
Change in hospital performances from 1994-96	
Revenue market share	Change in percentage of gross hospital revenue in...

8/3,K/19 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

08539870 SUPPLIER NUMBER: 18110712 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Arkansas breaks old record. (oil drilling and producing depths)**  
World Oil, v217, n2, p75(3)  
Feb, 1996  
ISSN: 0043-8790 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 109 LINE COUNT: 00012

TEXT:

...information on chronological listings of U.S. producing wells,  
along with drilling and producing records for each state in the nation.  
This year we have **added separate tables** for measured depth **records**  
that were **different** than true vertical depth (TVD) **records** reported by  
responding agencies.

8/3,K/20 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

0199-6649 SUPPLIER NUMBER: 13064949 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Programmers will like Superbase 2.0. (Software Publishing Corp.'s data base  
management system) (Software Review) (Evaluation)**  
Chronis, Kevin  
InfoWorld, v14, n51, p1(2)  
Dec 21, 1992  
DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 872 LINE COUNT: 00064

... calculation formula in the Name field of the Order file." In other  
words, the manual's solution to the redundancy problem is to store the  
**same data** in two **different tables**. Later, when the company **changes**  
its name, you'll have to **change** the name not only in the company table  
but once for each of the many times it might appear in the orders table.  
SOLID FOR...

8/3,K/21 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

03503457 SUPPLIER NUMBER: 06234278 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**New dimensions for spreadsheets. (three-dimensional spreadsheets)**  
Antonoff, Michael  
Personal Computing, v12, n3, p122(8)  
March, 1988  
ISSN: 0192-5490 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2930 LINE COUNT: 00223

... table I could keep track of my total sales by month and by year for

each store within that table," Ziegler explains. "Then I could add a fourth dimension called Department. You can import data from up to 128 different tables into one worksheet." Despite the complexity of his data, the longest Ziegler has had to wait for the result of a calculation is four minutes...

8/3,K/22 (Item 1 from file: 15)  
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02243579 84987135

**What killed BPR? Some evidence from the literature**

Eric Deakins; Hugh H. Makgill

Business Process Management Journal v3n1 PP: 81 1997

ISSN: 1463-7154 JRNL CODE: BPMT

WORD COUNT: 5360

...TEXT: While this is a real limitation of the current BPR literature, it is encouraging to observe that (broad) "Implementation" issues are now receiving almost the same level of attention as "Information technology" (Figure 3). Whether this trend will translate into a greater emphasis on change management is another matter.

Table III showed that the USA provided the largest proportion of BPR articles (74.3 per cent), followed by the UK (5.5 per cent) and...

8/3,K/23 (Item 2 from file: 15)  
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1390109 00-41096

**Quality change in the CPI: Some missing links**

Hulten, Charles

Challenge v40n2 PP: 48-74 Mar/Apr 1997

ISSN: 0577-5132 JRNL CODE: CHL

WORD COUNT: 8225

...TEXT: process of sample rotation is omitted. Since "rotated" items are linked into the market basket without changing the CPI, there will be some implicit quality change if the raw price of the rotated items exceeds the link price. On the other hand, Table 2 assumes that there is no quality change in those items treated as comparable substitutes, and there is reason to believe that this understates the true situation. However, no estimates exist for either effect, and they will be assumed to...

8/3,K/24 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01175308 98-24703

**Reviews: FileMaker Pro 3.0**

Seiter, Charles

Macworld v13n4 PP: 56 Apr 1996

ISSN: 0741-8647 JRNL CODE: MAW

WORD COUNT: 799

...TEXT: a two-dimensional table, much like a spreadsheet. The simplest sort of relational capability is to look up data in one of these tables and add it to another table. In a relational link, two columns with the same information in two different tables -- a column of Social Security numbers that appears in a table of employee salaries and in a table of employee home addresses, for example -- are...

8/3,K/25 (Item 4 from file: 15)



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00715542 93-64763

**Reporting changes in the electricity supply industry and privatisation**

Thomson, Lydia

Financial Accountability & Management v9n2 PP: 131-157 May 1993

ISSN: 0267-4424 JRNL CODE: FAM

WORD COUNT: 7762

...TEXT: of performance indicators falls dramatically, in some cases almost to zero (East Midlands and South Wales). Only one REC, Eastern Electricity, provides anything approaching the **same** amount of **information**. The amount of disclosure also **changes**: **separate tables** of statistical information generally disappear, and where information is disclosed it is scattered though the narrative sections of the report, usually in the review of...

8/3,K/26 (Item 5 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00270671 85-11104

**Relational DBMS**

Millsap, Ed; Sloan, Ken; Gerrard, Steve

Computerworld v19n9 PP: In Depth 1-12 Mar 4, 1985

ISSN: 0010-4841 JRNL CODE: COW

...ABSTRACT: database searches, and 2. support much higher level query expressions. They are also capable of representing more complex data relationships. Relational DBMS permit records from **different** logical **tables** to be stored together in the **same data** block. They also allow production **updates** to be logically grouped. Some of the applications-oriented space management techniques that can be used are: 1. linear space, 2. revolving space, 3. random...